FIRMWARE UPDATE IN ELECTRONIC DEVICES EMPLOYING SIM CARD FOR SAVING METADATA INFORMATION

ABSTRACT OF THE DISCLOSURE

[0036] A system and method for saving metadata information related to firmware/software updates in a SIM card is disclosed. An electronic device with an update agent may employ an update package reference storage area in a SIM card to save metadata information related to a downloaded update package. The update agent may access the stored metadata information during power up or reboot in order to access and/or process the downloaded update package. The SIM card, or in various embodiments of the present invention, a smart card, a removable memory card, or a removable memory module, may be employed by the electronic device to save information about downloaded files that are stored in a file system in the electronic device. Such information may subsequently be accessed by the update agent when the file system is not available. This may occur, for example, during power-up or reboot, when the update package needs to be accessed to perform a firmware/software update.